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## NOTICE OF ALLOWANCE AND FEE(S) DUE

22862

7590

01/28/2010

GLENN PATENT GROUP  
3475 EDISON WAY, SUITE L  
MENLO PARK, CA 94025

EXAMINER

TRAN, TUNYETLENT

ART UNIT

PAPER NUMBER

2179

DATE MAILED: 01/28/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/606,021

06/24/2003

Andrew Feng

AOL0119

3979

TITLE OF INVENTION: SYSTEM AND METHOD FOR COMMUNITY CENTRIC RESOURCE SHARING BASED ON A PUBLISHING  
SUBSCRIPTION MODEL.

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/28/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

## HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to:** Mail **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax** **(571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

22862 7590 01/28/2010  
**GLENN PATENT GROUP**  
**3475 EDISON WAY, SUITE L**  
**MENLO PARK, CA 94025**

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/606,021 06/24/2003

Andrew Fong

AOL0119

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**TITLE OF INVENTION: SYSTEM AND METHOD FOR COMMUNITY CENTRIC RESOURCE SHARING BASED ON A PUBLISHING SUBSCRIPTION MODEL**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/28/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, TUYETLIEN T	2179	715-733000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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22862	7590	01/28/2010	EXAMINER	
TRAN, TUNETLENT				
GLENN PATENT GROUP 3475 EDISON WAY, SUITE L MENLO PARK, CA 94025			ART UNIT	PAPER NUMBER

2179

DATE MAILED: 01/28/2010

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 861 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 861 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

# Notice of Allowability

## Application No.

10/606,021

## Examiner

TUYETLIEN T. TRAN

## Applicant(s)

FENG ET AL.

## Art Unit

2179

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/30/09.
2. ☒ The allowed claim(s) is/are 1-6,8,9,11-19,21,22,24-36,38-40,42-60,62-76,78-95,97 and 102.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Christopher Peil (reg. No 45005) on 1/06/10.

The application has been amended as follows:

#### **Claim 1:**

In an Internet based network with a plurality of registered users, wherein each of said users is either or both of a publisher to publish his information to others and a subscriber to subscribe shared information from others, a computer readable storage medium encoded with instructions, which when loaded into a digital computational device establishes a system for sharing digital resources based on a publishing-subscribing model, comprising:

means for designating a subscriber as a member of a publisher's community;

means for creating groups within said publisher's community, each of said groups being based on a predefined sharing relationship between said publisher and the community members of said group;

means for defining a period of time after which a publish offer lapses;

at least one publisher-agent on behalf of said publisher to serve as a gateway for all of said publisher's software applications to send out announcements and process all requests from subscribers and non-subscriber users;

means for processing a non-subscriber user's request for sharing;

means for establishing a limited sharing relationship between a subscriber user and a non-subscriber user;

at least one subscriber-agent on behalf of a community member of said publisher to serve as a gateway for all of said community member's software applications to process requests from said publisher and other subscribers; and

means for delivering different views of a resource to different groups based on different sharing relationships;

wherein whenever said resource is modified by said publisher any local copy of said resource accessible by any member of said publisher's community is automatically updated;  
**and**

wherein a subscriber of said resource can edit published information in a local copy of said resource, said edited published information being overwritten by any update published by said publisher-; **and**

wherein each of said views has metadata describing sharing styles, as well as version, creation date and size, wherein each sharing style corresponds to a specific sharing relationship of the publisher.

**Claim 12:**

A method for sharing digital resources through an Internet based network which has a plurality of registered users, wherein each of said users is either or both of a publisher to publish his information to others and a subscriber to subscribe shared information from others, said method comprising the steps of:

a publisher creating one or more views of a resource;

designating a subscriber as a member of said publisher's community;

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defining a period of time after which a publish offer lapses;

creating groups within said publisher's community, each group being based on a predefined sharing relationship between said publisher and the community members of said each group;

processing a non-subscriber user's request for sharing;

establishing a limited sharing relationship between a subscriber user and a non-subscriber user;

announcing availability of one or more views of said resource to one or more subscribers of said network;

designating a subscriber who subscribes one or more views of said resource to one or more of said groups;

using at least one publisher-agent on behalf of said publisher to serve as a gateway for all of said publisher's software applications to send out announcements and process all requests from subscribers and non-subscriber users;

using at least one subscriber-agent on behalf of a community member of said publisher to serve as a gateway for all of said community member's software applications to process requests from said publisher and other subscribers;

delivering different views of said resource to one or more of said groups based on different sharing relationships; ~~and~~

whenever said resource is modified by said publisher, automatically updating any local copy of said resource accessible by any member of said publisher's community;

wherein a subscriber of said resource can edit published information in a local copy of said resource, said edited published information being overwritten by any published by said publisher-; and

wherein each of said views has metadata describing sharing styles, as well as version, creation date and size, wherein each sharing style corresponds to a specific sharing relationship of the publisher.

**Claim 25:**

In an Internet based network with a plurality of registered users, wherein each of said users is either or both of a publisher to publish his information to others and a subscriber to subscribe shared information from others, a computer readable storage medium encoded with instructions, which when loaded into a digital computational device establishes a system for hosting an address card service comprising:

means for a publisher to set up an address card having multiple views, each of said views being associated with a different label which, when being clicked, brings said associated view to the front of screen;

means for managing said address card, whereby said publisher designates a sharing relationship to one or more groups of subscribers;

means for defining a period of time after which a publish offer lapses;

means for publishing said address card to a number of selected subscribers based on different sharing relationships; and

means for updating local copies of said address card possessed by said subscribers; wherein a subscriber of said publisher's address card can edit published information in a local copy of said address card, said edited published information being overwritten by any update published by said publisher based on an on-going subscription; and

wherein when said publisher chooses to publish to a recipient who is not a registered member of said Internet based network, a notification along with an image of said publisher's



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address card is sent to said recipient via e-mail, said notification comprising a first link which enables said recipient to subscribe future modifications of said publisher's address card-; and wherein each of said views has metadata describing sharing styles, as well as version, creation date and size, wherein each sharing style corresponds to a specific sharing relationship of the publisher.

**Claim 34:**

The system computer readable storage medium of Claim 32, further comprising:  
means for setting parental control to prevent children from handling said address card.

**Claim 63:**

A method for providing a digital address card service through an Internet based network which has a plurality of registered users, wherein each of said users is either or both of a publisher to publish his information to others and a subscriber to subscribe a published address card from others, said method comprising the steps of:

a publisher configuring an address card, said address card having multiple views, each of said views being associated with a different label which, when being clicked, brings said associated view to the front of screen;

designating a sharing relationship to one or more groups of subscribers;

defining a period of time after which a publish offer lapses; and

publishing said address card to a number of selected subscribers based on designated sharing relationships;

wherein a subscriber of said publisher's address card can edit published information in a local copy of said address card, said edited published information being overwritten by any update published by said publisher based on an on-going subscription; and

wherein when said publisher chooses to publish to a recipient who is not a registered member of said Internet based network, sending a notification along with an image of said publisher's address card to said recipient via e-mail, said notification comprising a first link which enables said recipient to subscribe future modifications of said publisher's address card-; and wherein each of said views has metadata describing sharing styles, as well as version, creation date and size, wherein each sharing style corresponds to a specific sharing relationship of the publisher.

**Claim 95:**

The method of Claim ~~95~~ 94, wherein said step for configuring further comprising the step of:

setting a parameter on said address card for preventing a subscriber from forwarding said address card.

**Claims 98-101 are cancelled.**

**Allowable Subject Matter**

2. Claims 1-6, 8-9, 11-19, 21-22, 24-36, 38-40, 42-60, 62-76, 78-95, 97, 102 are allowed.

The following is an examiner's statement of reasons for allowance: Independent claims 1, 12, when considered as a whole, are allowable over the prior art of record. Specifically, prior art of record fail to clearly teach or fairly suggest the limitations:

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- ❑ delivering different views of said resource to one or more of said groups based on different sharing relationships;
- ❑ whenever said resource is modified by said publisher, automatically updating any local copy of said resource accessible by any member of said publisher's community;
- ❑ wherein a subscriber of said resource can edit published information in a local copy of said resource, said edited published information being overwritten by any published by said publisher; and
- ❑ wherein each of said views has metadata describing sharing styles, as well as version, creation date and size, wherein each sharing style corresponds to a specific sharing relationship of the publisher.

Independent claims 25, 63 and 102, when considered as a whole, are allowable over the prior art of record. Specifically, prior art of record fail to clearly teach or fairly suggest the limitations:

- ❑ wherein a subscriber of said publisher's address card can edit published information in a local copy of said address card, said edited published information being overwritten by any update published by said publisher based on an on-going subscription;
- ❑ wherein each of said views has metadata describing sharing styles, as well as version, creation date and size, wherein each sharing style corresponds to a specific sharing relationship of the publisher.

The dependent claims further add limitations to the allowable subject matter of the corresponding independent claims; thus are also allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Inquiry**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TuyetLien (Lien) T. Tran whose telephone number is 571-270-1033. The examiner can normally be reached on Mon-Friday: 7:30 - 5:00, off on alternating Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TuyetLien T Tran/  
Examiner, Art Unit 2179

/Weilun Lo/  
Supervisory Patent Examiner, Art Unit 2179